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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/938,447	08/24/2001	Martin Kiesel	2000 P 23302 US	2223

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EXAMINER

TRUONG, CAMQUY

ART UNIT PAPER NUMBER

2195

DATE MAILED: 07/18/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/938,447

Applicant(s)

KIESEL ET AL.

Examiner

Camquy Truong

Art Unit

2195

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 20 April 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. Claims 1-20 are presented for examination.
2. It is noted that although the present application does contain line numbers in the specification and claims, the line numbers in the claims do not correspond to the preferred format. The preferred format is to number each line of every claim, with each claim beginning with line 1. For ease of reference by both the examiner and Applicant all future correspondence should include the recommended line numbering.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

5. Claims 1, 3-8, 10-11, 13-14, 18 and 20 are rejected under 35 U.S.C. 102(b) as being unpatentable over Aikens et al (U.S. Patent 5,414,494).
6. As to claim 1, Aikens teaches the invention as claimed including: an apparatus for a control device for providing multimedia monitoring and control of a remote machine (col. 1, line 58 – col. 2, line 22; col.9, line 65 – col. 10, line 3) comprising:

a processor (a computer such as PC, col. 6, lines 17-20)

processing of control data and communication of said data from said remote machine (col. 5, lines 13-18; col. 6, lines 17-22); and

processing of multimedia information regarding a monitored status of the remote machine (col. 6, lines 17-47; col. 9, line 65 – col. 10, line 10); and

A multimedia connection coupled to said processors providing a multimedia transmission connection to the remote machine and transmitting said multimedia information regarding a monitored status of the remote machine (Fig. 5; col. 6, lines 42-47; col. 9, line 65 – col. 10, line 10).

9. As to claim 11, it is rejected for the same reason as claim 1. In addition, Aikens teaches processing information generated by the monitored remote machine (col. 9, line 65 – col. 10, line 18);

Generating multimedia information regarding a monitored status of the remote machine (Fig. 5; col. 6, lines 42-47; col. 9, line 65 – col. 10, line 10).

10. As to claims 10 and 20, Aiken teaches the communication between the respective components is carried out over the internet (col. 6, lines 1-8).

11. As to claims 3 and 13, Aiken teaches a visualization device that generates visualization information regarding the status of the remote machine (col. 1, lines 55-57).

12. As to claims 4 and 14, Aiken teaches an augmented reality device that generates the multimedia information from one or more senses of a user in the vicinity of the remote machine (col. 1, lines 47-57).

13. As to claims 5-6, Aiken teaches trace functionality transferred over the telecommunication link for real-time transmission of multimedia data connection (col. 9, line 65 – col. 10, line 18).

14. As to claim 7, Aiken teaches a data-processing device coupled remotely with said machine for controlling the processing of the multimedia information (col. 11, line 58 – col. 12, line 22).

15. As to claims 8 and 18, Aiken teaches data-processing device encompasses multiple data-processing units which have communication connections to one another and which each have a telecommunication connection for real-time transfer of multimedia information to the control device (col. 6, lines 42-49; col. 9, line 65 – col. 10, line 10).

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

Art Unit: 2195

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

16. Claims 2, 9,12, 15-17 and 19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Aikens et al (U.S. Patent 5,414,494) in view of Spinner (U.S. Patent 6,731,937 B1).

17. As to claims 2, 9,12,15-16 and 19, Aiken does not explicitly teach the processor enables a UMTS connection. However, Spinner teaches the processor enables a UMTS connection (col.5, lines 29-31).

18. It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of the Aiken and Spinner because Spinner's UMTS connection would increase the flexibility of Aiken 's system by providing a wide variety of mobile communications services that allows to transfer data between components in more efficiency.

19. As to claim 17, Aiken teaches remotely processing the multimedia information (col. 6, lines 1-16).

Conclusion


21. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Camquy Truong whose telephone number is (571) 272-3773. The examiner can normally be reached on 8AM – 5PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Meng-Ai An can be reached on 571-272-3756. The fax phone number for the organization where this application or proceeding is assigned is 571-273-3756.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIP. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIP system, contact the Electronic Business Center (EBC) at 866-217-9197(toll-free).

Camquy Truong

December 13 2005


SUPERVISOR, PATENT EXAMINER
DEC 13 2005